11

nected to the parallel arms and being disposed adjacent to said orifice in the front wall for sealing the flow of joint cement from the orifice, spring tensioning means on said side walls adapted to bias said parallel arms to a position substantially parallel with the reservoir body whereby said tape idler will seat against said orifice to seal the orifice closed, said arms being adapted to pivot against said biasing means to lift the tape idler away from the orifice and allow joint cement to flow from said orifice.

- 7. The combination of claim 6 including means on said parallel arms for rotatably mounting a roll of tape, and a knife bracket pivotally connected to said parallel arms and spring tensioning means connecting said knife bracket to said reservoir, said spring tension means serving to rotate said knife bracket about the pivotal connection thereof, a knife mounted on said knife bracket, a trip means mounted on the arms adapted to retain the knife in a raised inoperative position, and means for releasing said trip means from said knife to allow said knife and bracket to pivot about said pivotal connection in a cutting operation.
- 8. The combination of claim 7 including guide means for guiding a strip of tape from said roll of tape outwardly from said apparatus parallel to said arms, said strip of tape from said roll of tape being threaded between said tape idler and said reservoir and over said guide means, one face of said strip of tape being adapted to receive tape cement emitting from said orifice, and said guide means serving to hold said strip of tape in the 30 path of the arc of said knife whereby said strip of tape is severed when said knife is allowed to pivot in a cutting operation.
- 9. In a machine for applying tape, a reservoir for retaining cementing material to the tape to be applied, substantially parallel arms pivotally connected to one end of said reservoir, cutting means on said arms, said cutting means being biased toward a tape severing position by a biasing means connected to said cutting means and to said reservoir, means normally in retaining position for releasably retaining said cutting means in a non-severing position, and means for tripping said releasably retaining means from said retaining position to allow said cutting means to assume said severing position, and means on said reservoir for automatically retracting said cutting 45 means back into said non-severing position.
- 10. The machine of claim 9 wherein a biasing means is connected to said releasably retaining means and to said arms for biasing said releasably retaining means into said normally retaining position.
- 11. In a machine for applying tape, a reservoir having an orifice in the front thereof for applying joint cement to tape, arms pivotally mounted on said reservoir, said arms having means thereon for guiding a strip of tape to which said joint cement is to be applied adjacent to said orifice and for sealing said orifice, a roll of tape mounted on the free end of said arms and means on said arms for guiding a strip of said tape under said roll of tape whereby said strip of tape may be pressed by said roll of tape when said tape is applied.
- 12. The machine of claim 9 wherein said retracting means includes brackets attached to said reservoir, and connecting means on said brackets connected to said cutting means for holding said cutting means in said non-severing position, means biasing said arms to a position wherein said connecting means are operable to retain said cutting means in said non-severing position, said arms being pivotable from said biased position wherein said reacting means are inoperable to retain said cutting means in said non-severing position.

12

- 13. In a machine for applying material to a surface, a reservoir for retaining a body of viscous material, an orifice in said reservoir, arms pivotally mounted on said reservoir, pressure applying roll-like means mounted on the free end of said arms, an idler mounted on said arms adjacent to said orifice, and tape-like means mounted on said roll-like means and over said idler, extending from said roll-like means, over said idler, and back over said roll-like means, said idler being adapted to seal against said orifice when said arms are in a normal position, and means on said reservoir biasing said arms into said normal position, said arms being pivotable against said biasing means to lift said tape-like means and said idler from said orifice to open said orifice whereby viscous material placed in said reservoir will be allowed to flow through said orifice onto said tape-like means for application to a surface as the tape-like means passes back over said roll-like means.
- 14. The machine of claim 13 wherein said roll-like means comprises a roll of wallboard tape, said tape-like means comprising the wallboard tape of the roll.
- 15. The machine of claim 13 wherein said roll-like means comprises a roller, said tape-like means comprising an endless belt engaged over said roller and said idler, the viscous material being paint-like in nature for application in strip form by said continuous belt.
- 16. In a tape applying device, a reservoir for containing paste or the like, a tape roller pivotally mounted on said reservoir at the bottom front thereof, an orifice in said reservoir adjacent to said roller, said roller being adapted to close said orifice, arms mounted on said reservoir and projecting outwardly beyond the front thereof, said arms having means thereon to rotatably support a roll of tape the tape from which will extend about said tape roller across said orifice, said tape roller being pivotable away from said orifice to receive the tape between said tape roller and said reservoir orifice, said roller being adapted to pivot toward said orifice to seal off the flow of paste or the like therethrough and being adapted to pivot away from said orifice to allow said paste or the like to be deposited on a surface of the tape.
- 17. In a machine for applying tape, a reservoir having an orifice defined in the front thereof for applying joint cement to tape, arm means mounted on said reservoir and projecting forwardly beyond the front thereof, said arms being adapted to mount a roll of tape on the forward ends thereof, a guide mounted on the reservoir immediately adjacent the orifice and alignable with an arm mounted roll of tape for the reception of the tape therefrom and thereabout between the guide and the orifice and means on said arms for guiding the tape forwardly from the guide toward the forward ends of the arm means for pressure by a mounted roll of tape when the tape is to be applied to a surface.
- 18. The machine of claim 17 wherein said reservoir has an open top, a lid vertically slidable within said reservoir through said open top, and compression means exerting a constant downward pressure on said lid, said compression means including means for manually increasing the pressure on said lid.

References Cited

UNITED STATES PATENTS

Ó	2,779,307	1/1957	Foresta et al	118413
	2,815,142	12/1957	Ames	156526
	3,131,108	4/1964	Kennard	156—575

DOUGLAS J. DRUMMOND, Primary Examiner.